LETTERS


EDITORIAL

East Is East and West Is West

ARTICLES

Three-Dimensional Methods in Seismic Exploration: R. Graebner, C. Wason, H. Meinardus
Organic Farming in the Corn Belt: W. Lockeretz, G. Shearer, D. H. Kohl
Rural Africa: Modernization, Equity, and Long-Term Development: U. Lele

NEWS AND COMMENT

Weinberger Promises Leaner, Meaner DOD
Former Carolina Governor to Head DOE
Beryllium Report Disputed by Listed Author
FAA Is Cool to Cabin Safety Improvements
Briefing: Fredrickson Asked to Be a Holdover Again at NIH; Senate Westerners Stake a Claim; White House Science Still in Transition; Brown Departs Research Subcommittee
Medical Journal Draws Lancet on Rival

RESEARCH NEWS

!Kung Bushmen Join South African Army
Lake Bottoms Linked with Human Origins

AAAS NEWS

1980 AAAS Awards Presented in Toronto; Washington Meeting in 1982; Pacific Division Announces Meeting; Energy Seminars in 1981; OOS Completes Inventory of Programs for Women; Global Seminar Held in New Delhi: D. Weiner; 50-Year Members Acknowledged; AAAS and ISETAP
BOOK REVIEWS

Cretaceous/Tertiary Boundary Events, reviewed by T. J. M. Schopf; The Puuc, M. D. Coe; Baboon Mothers and Infants, R. W. Wrangham; Membrane Transport in Erythrocytes, D. Levitt; Senescence in Plants, H. Kende

REPORTS

Crystal and Molecular Structure of a Pentagonal Dodecahedrane: L. A. Paquette et al.


Submillimeter Heterodyne Detection of Interstellar Carbon Monoxide at 434 Micrometers: H. R. Fetterman et al.


Type III Hyperlipoproteinemia: Defective Metabolism of an Abnormal Apolipoprotein E: R. E. Gregg et al.

Specific and Sensitive Radioimmunoassay for 3-Methoxy-4-hydroxyphenylethylene-glycol (MOPEG): T. K. Keeton, H. Krutzsch, W. Lovenberg

Two Classes of Single-Stranded Regions in DNA from Sea Urchin Embryos: M. S. Wortzman and R. F. Baker

Regulation of Cutaneous Previtamin D3 Photosynthesis in Man: Skin Pigment Is Not an Essential Regulator: M. F. Holick, J. A. MacLaughlin, S. H. Doppelt

2,4,5-Trichlorophenoxyacetic Acid Causes Behavioral Effects in Chickens at Environmentally Relevant Doses: C. A. Sanderson and L. J. Rogers

Neurosecretory Granules: Evidence for an Aging Process Within the Neurohypophysis: J. J. Nordmann and J. Labouesse

Lectins of Distinct Specificity in Rhodnius prolixus Interact Selectively with Trypanosoma cruzi: M. E. A. Pereira, A. F. B. Andrade, J. M. C. Ribeiro

Oxidation of Elemental Selenium to Selenite by Bacillus megaterium: S. U. Sarathchandra and J. H. Watkinson

Effects of Vasopressin on Human Memory Functions: H. Weingartner et al.

Metkephamid, a Systemically Active Analog of Methionine Enkephalin with Potent Opioid δ-Receptor Activity: R. C. A. Frederickson et al.

Endogenous Late Positive Component of the Evoked Potential in Cats Corresponding to P300 in Humans: M. B. Wilder, G. R. Farley, A. Starr

Lunar Phasing of the Thyroxine Surge Preparatory to Seaward Migration of Salmonid Fish: E. G. Grau et al.

COVER

Three-dimensional view of 1,16-dimethyl-dodecahedral as determined by x-ray analysis. See page 575. [Bob Hummel, Biomedical Communications, Ohio State University, Columbus]